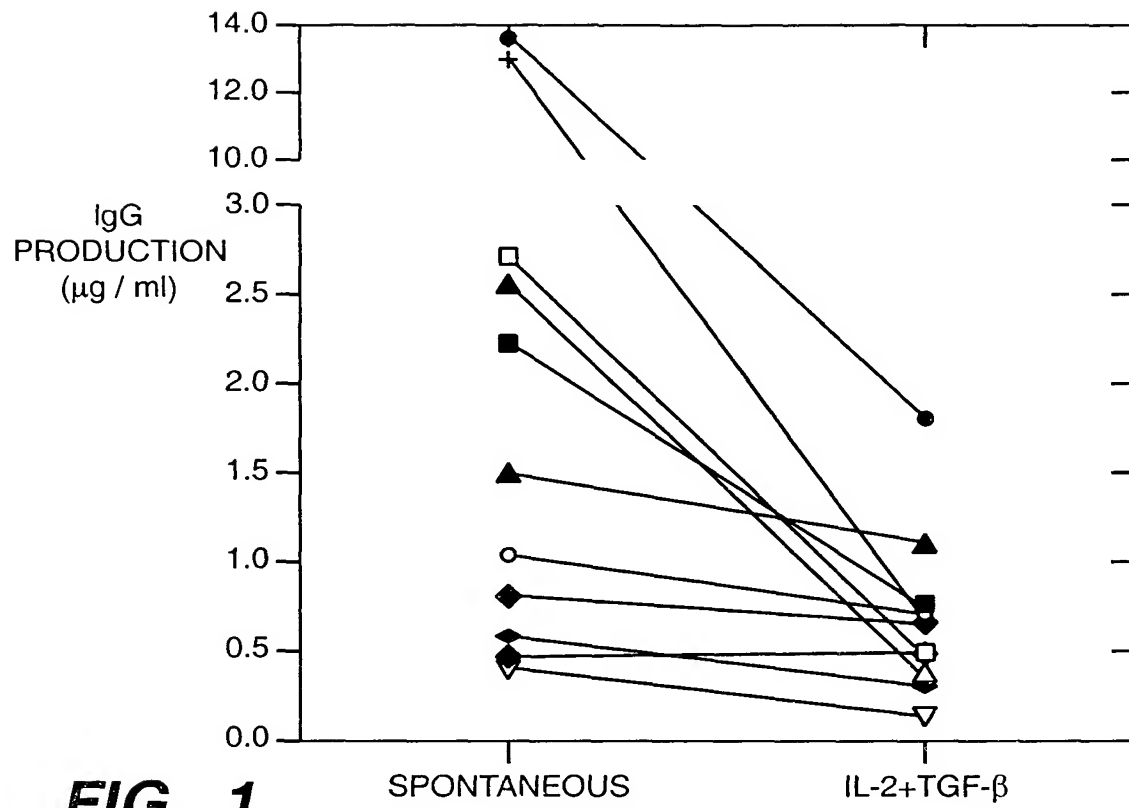
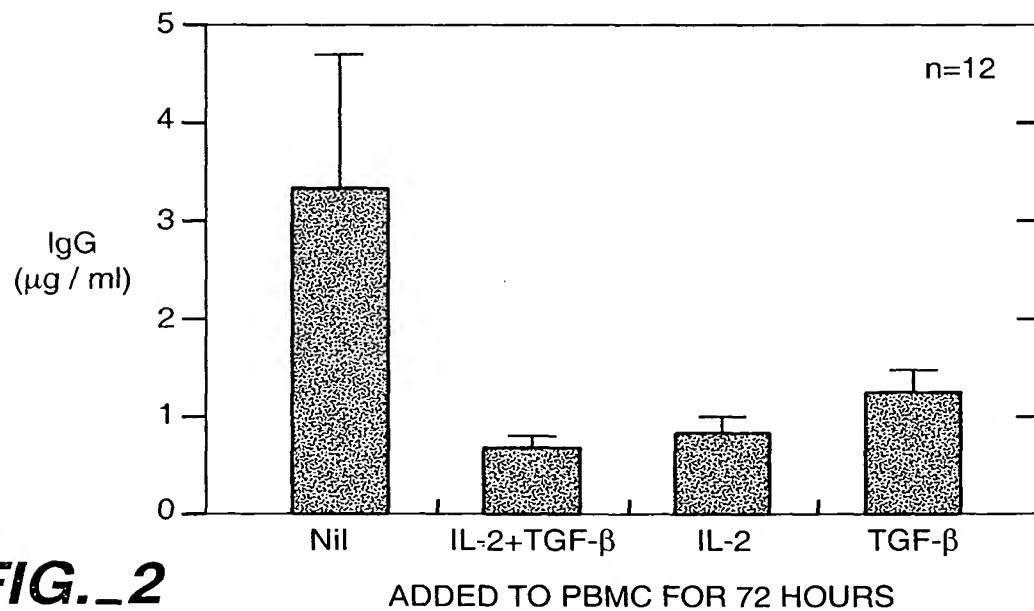
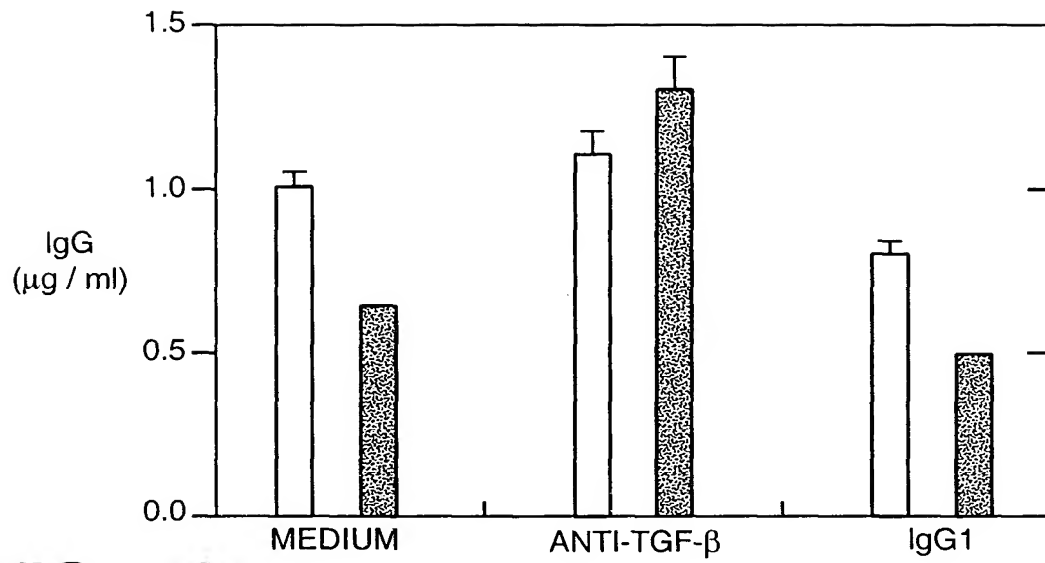
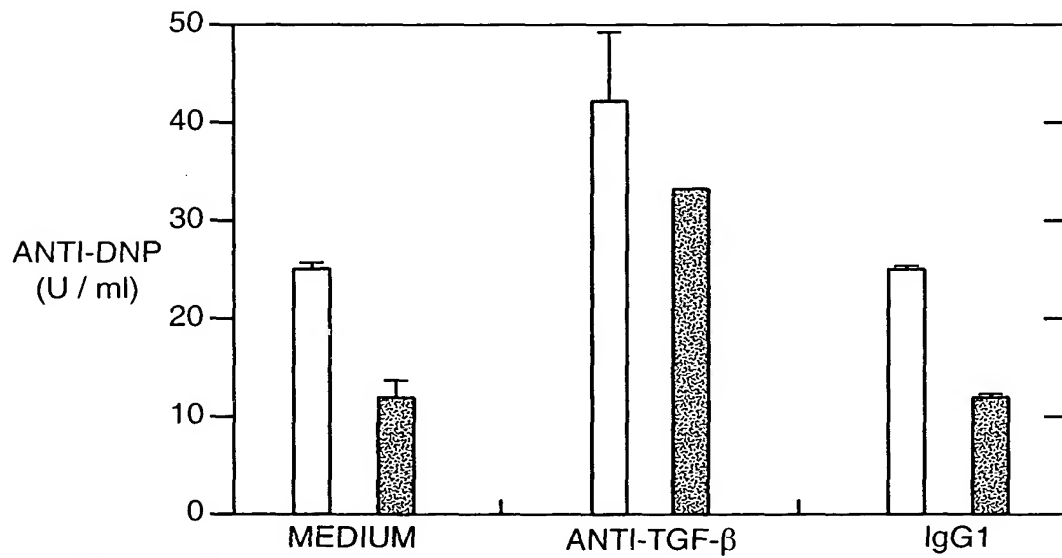


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**FIG._1****FIG._2**

**FIG._3A****FIG._3B**

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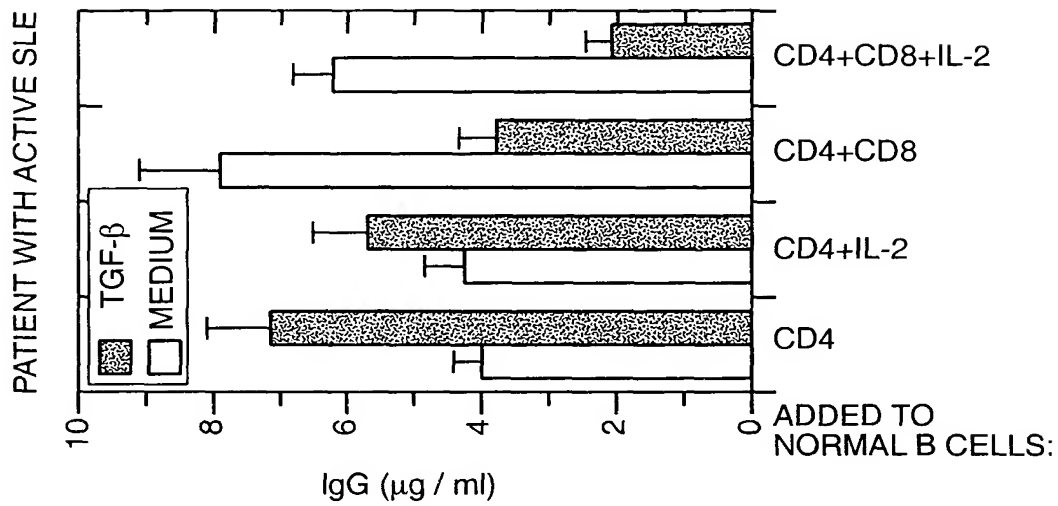


FIG. 4C

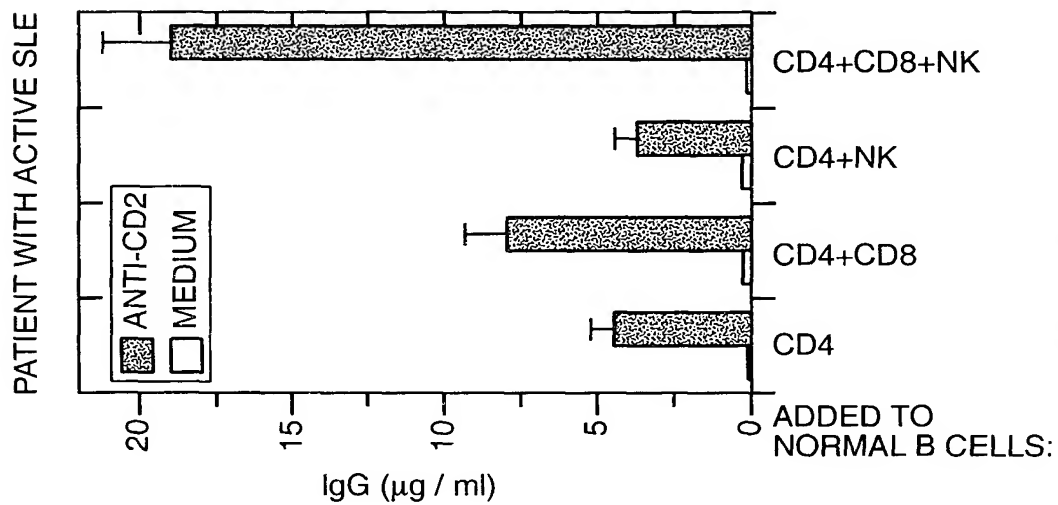


FIG. 4B

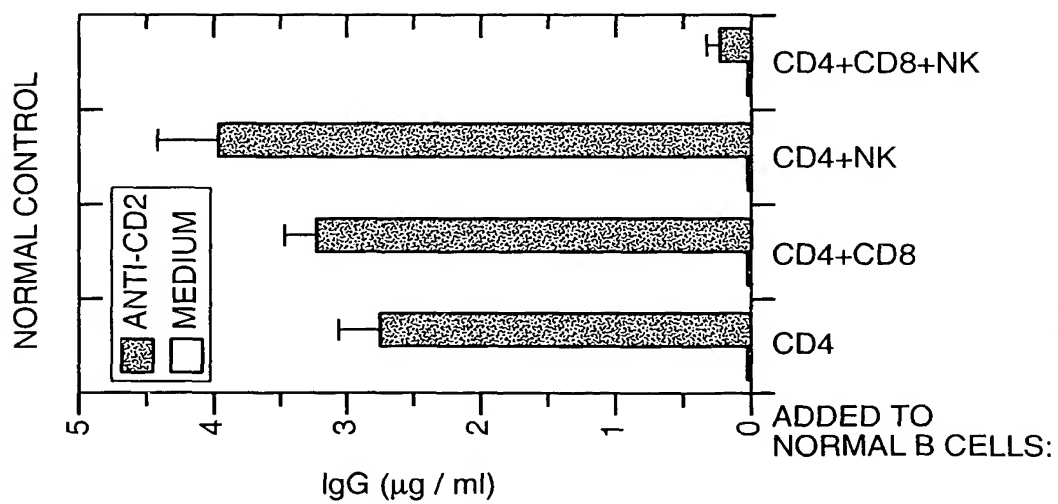
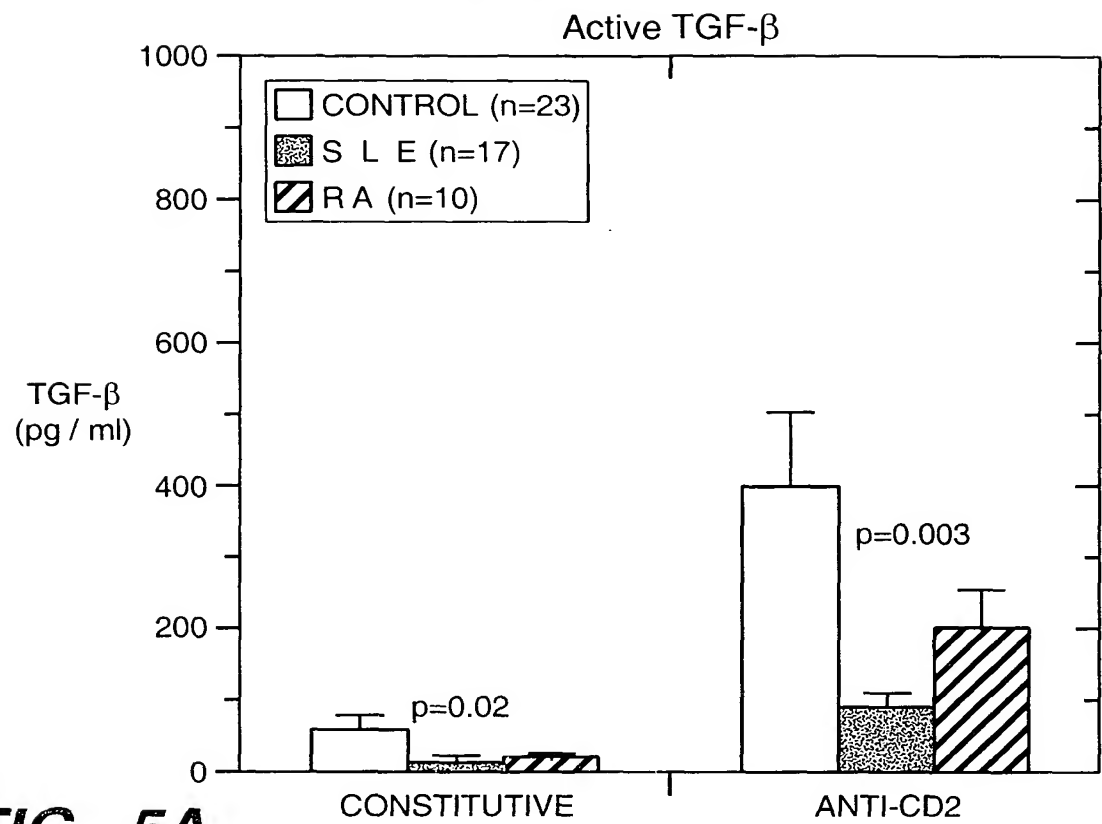
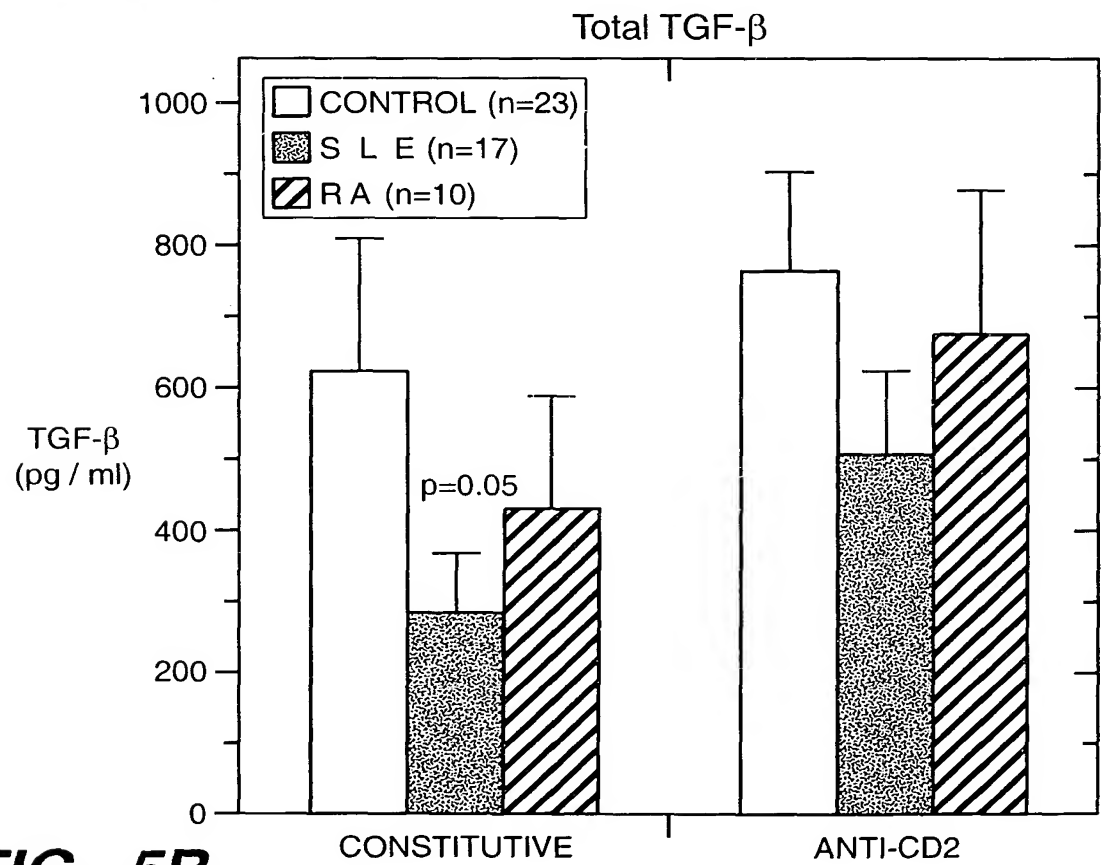


FIG. 4A

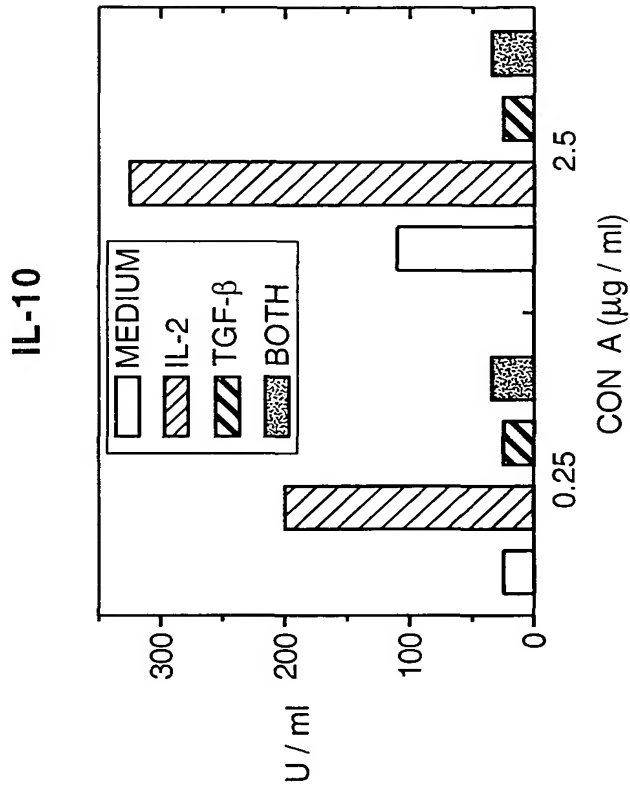
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**FIG. 5A****FIG. 5B**

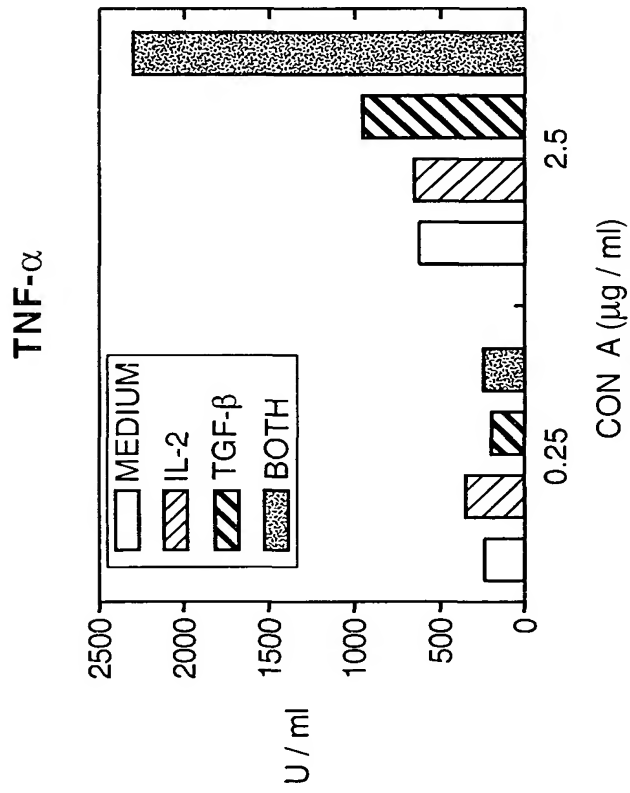


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TGF- β has opposing effects on
T cell production of TNF- α and IL-10

**FIG._6B**

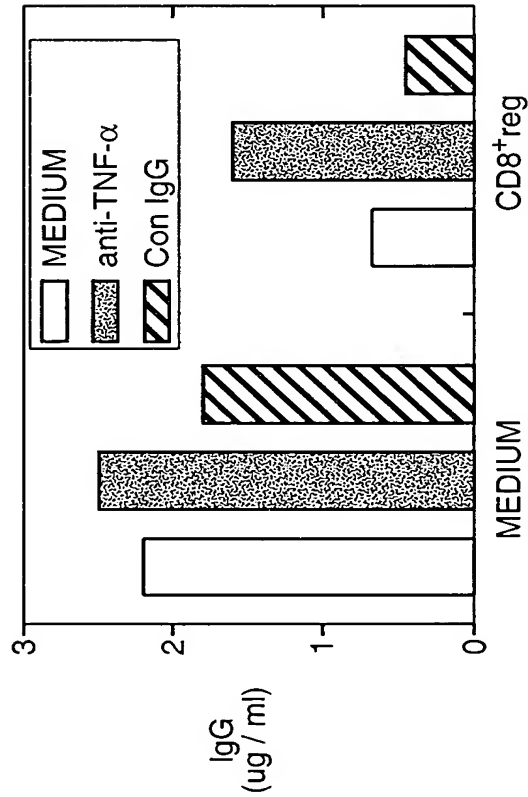
TGF- β has opposing effects on
T cell production of TNF- α and IL-10

**FIG._6A**

+

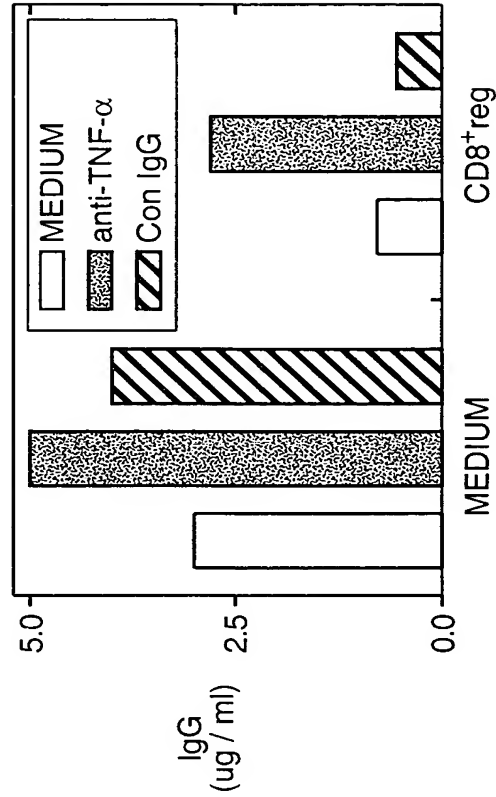
TNF- α is an essential
intermediate for the generation
of regulatory T cells by TGF- β

Exp 1



TNF- α is an essential
intermediate for the generation
of regulatory T cells by TGF- β

Exp 2



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FIG._7A

FIG._7B

+

+

Enhanced production of Th1
cytokines by TGF- β primed
T cells is dependent
upon TNF- α

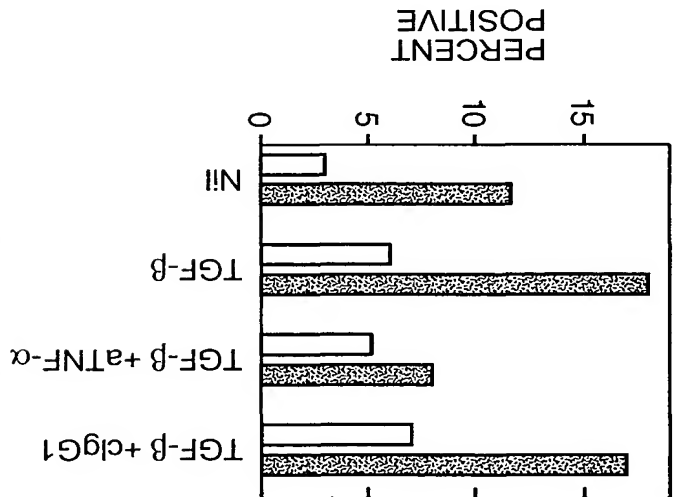
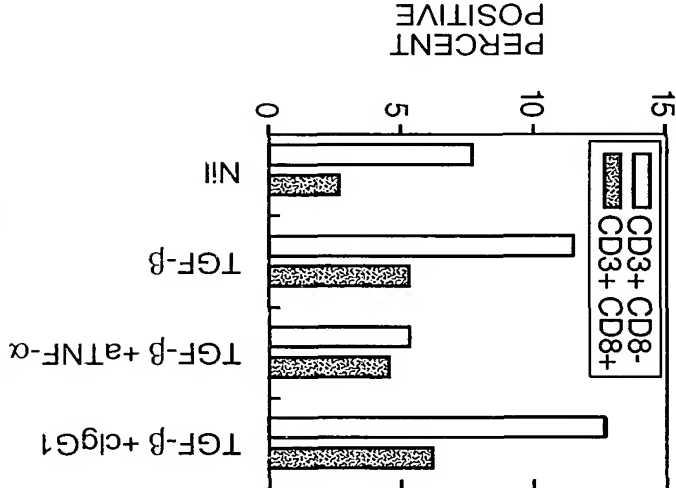
Enhanced production of Th1
cytokines by TGF- β primed
T cells is dependent
upon TNF- α

Enhanced production of Th1
cytokines by TGF- β primed
T cells is dependent
upon TNF- α

TNF- α

IL-2

IFN γ



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FIG._8A

FIG._8B

FIG._8C

+

+

Effect of TGF- β on various
T cell subsets in
the generation of
suppressors
of cytotoxic T cell activity

CD4 CD45RA

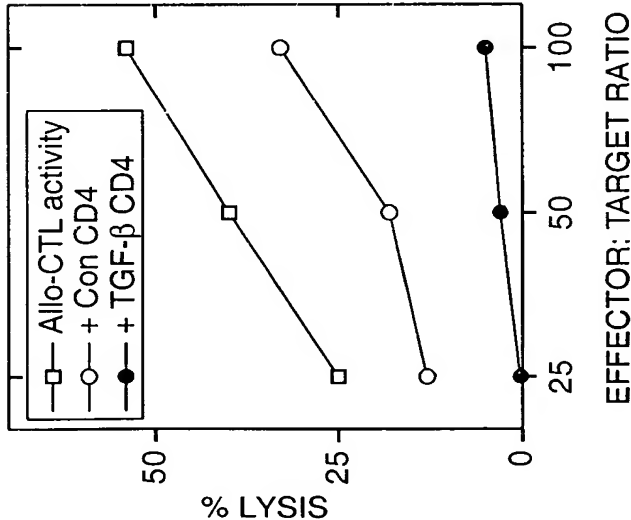


FIG._9A

Effect of TGF- β on various
T cell subsets in
the generation of
suppressors
of cytotoxic T cell activity

CD4 CD45RO

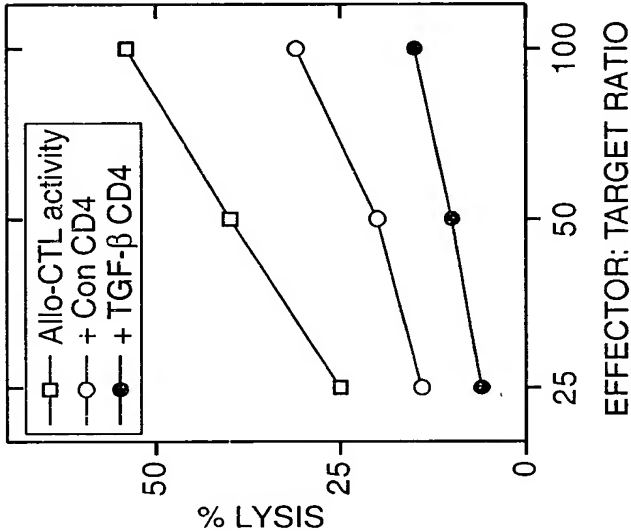


FIG._9B

Effect of TGF- β on various
T cell subsets in
the generation of
suppressors
of cytotoxic T cell activity

CD8 CD45RA

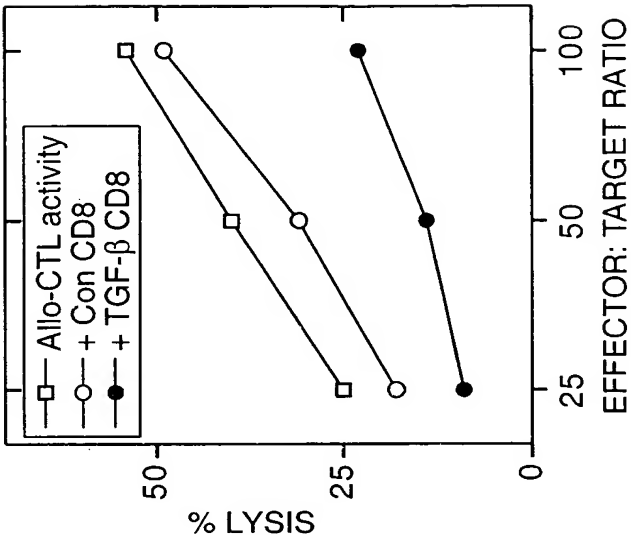


FIG._9C

+

+

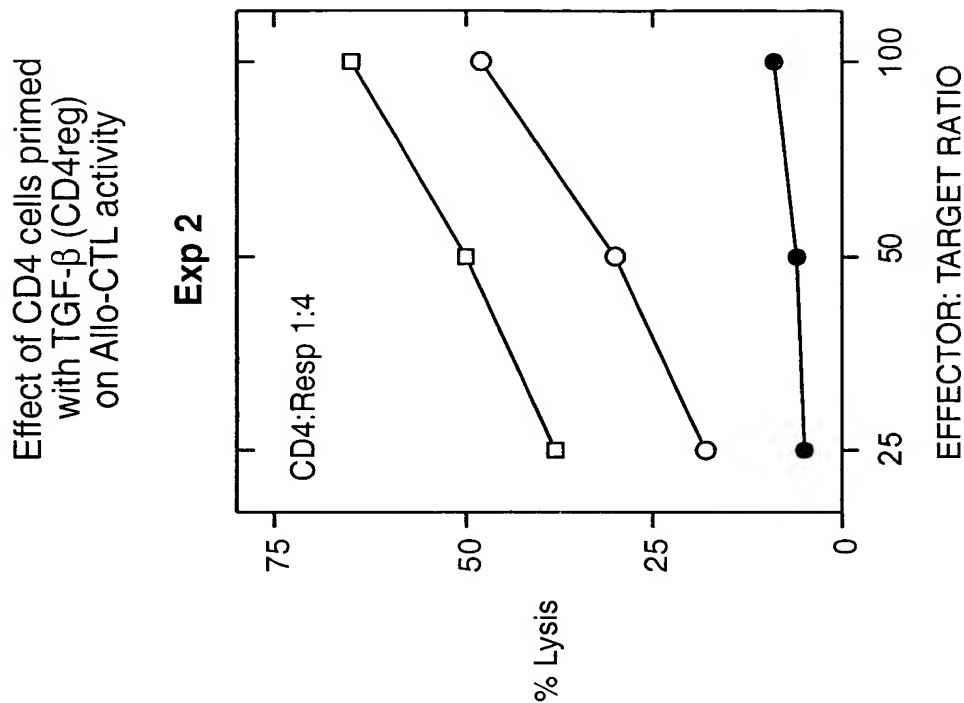


FIG._ 10B

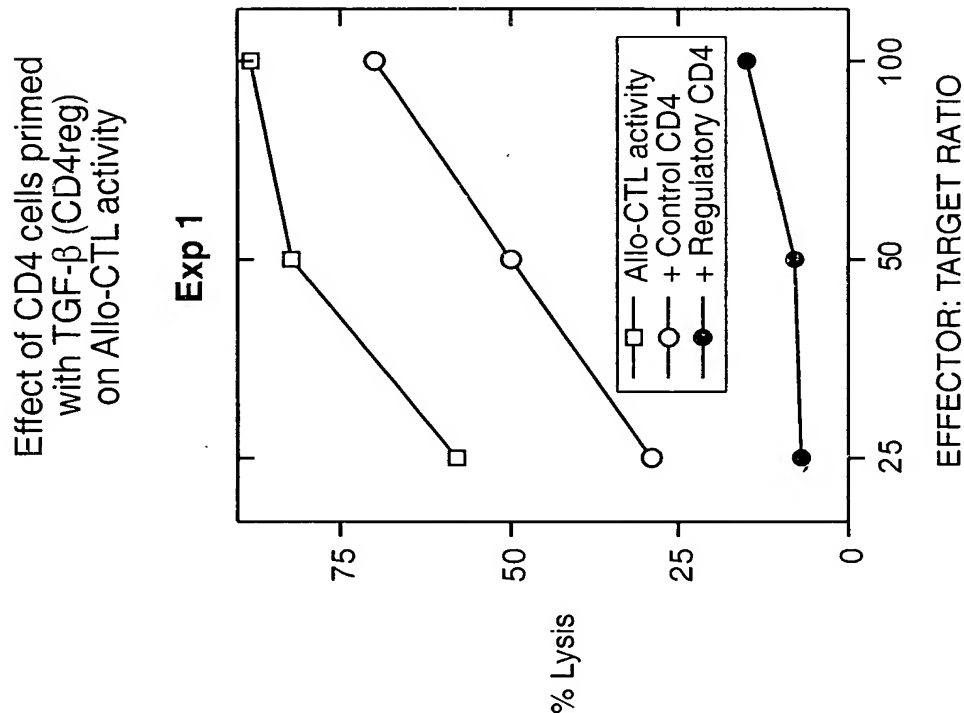


FIG._ 10A

+

CD4 regulatory T cells require cell contact to inhibit cytotoxic T lymphocyte activity

Separated from Effector cells

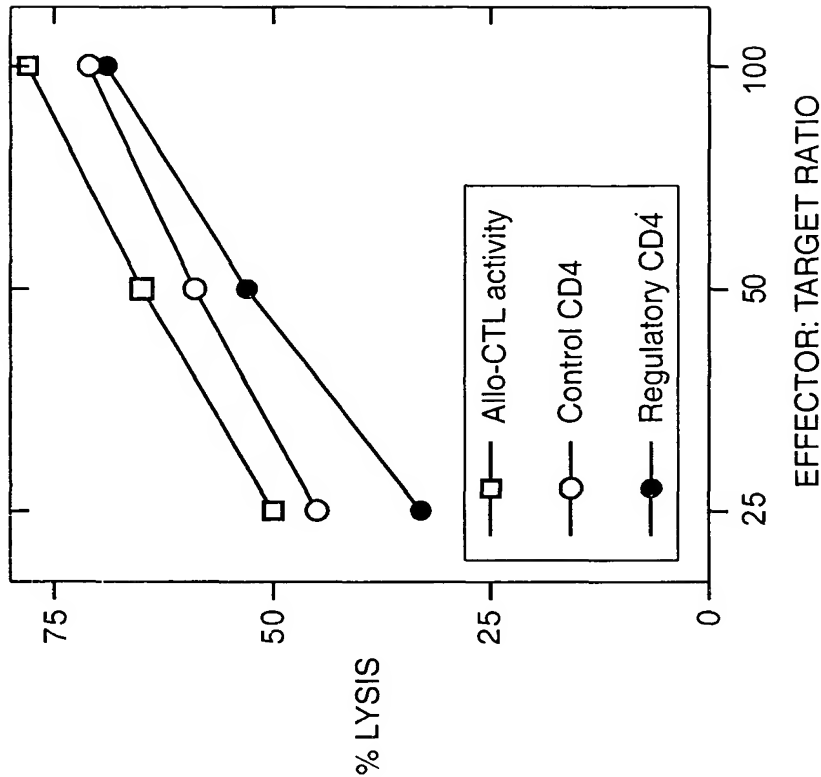


FIG. 11B

CD4 regulatory T cells require cell contact to inhibit cytotoxic T lymphocyte activity

With Effector Cells

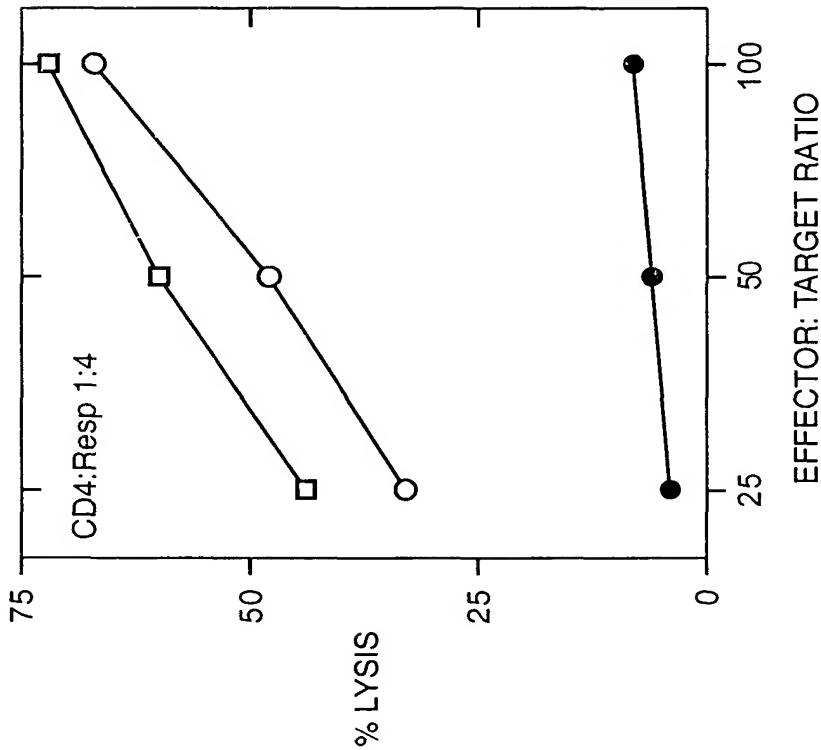
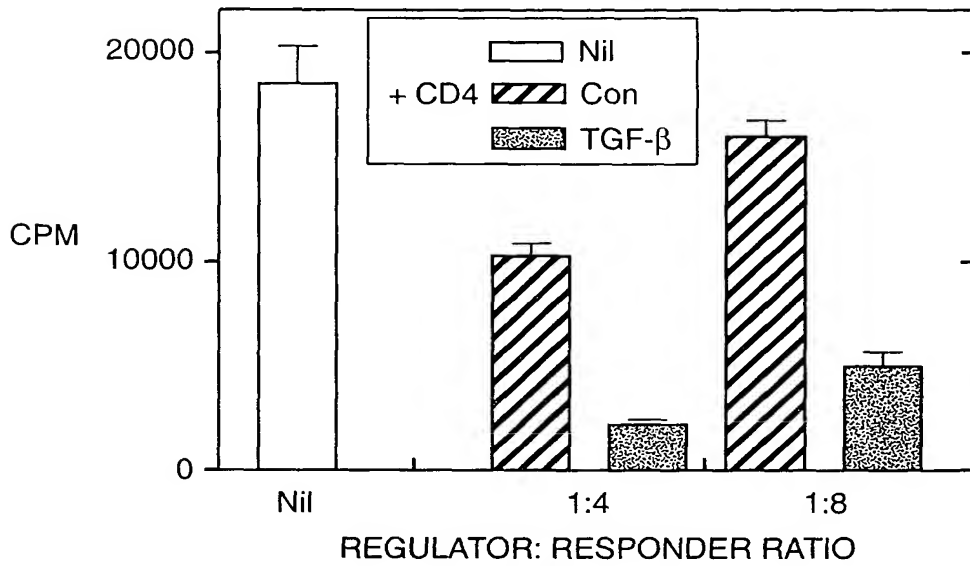
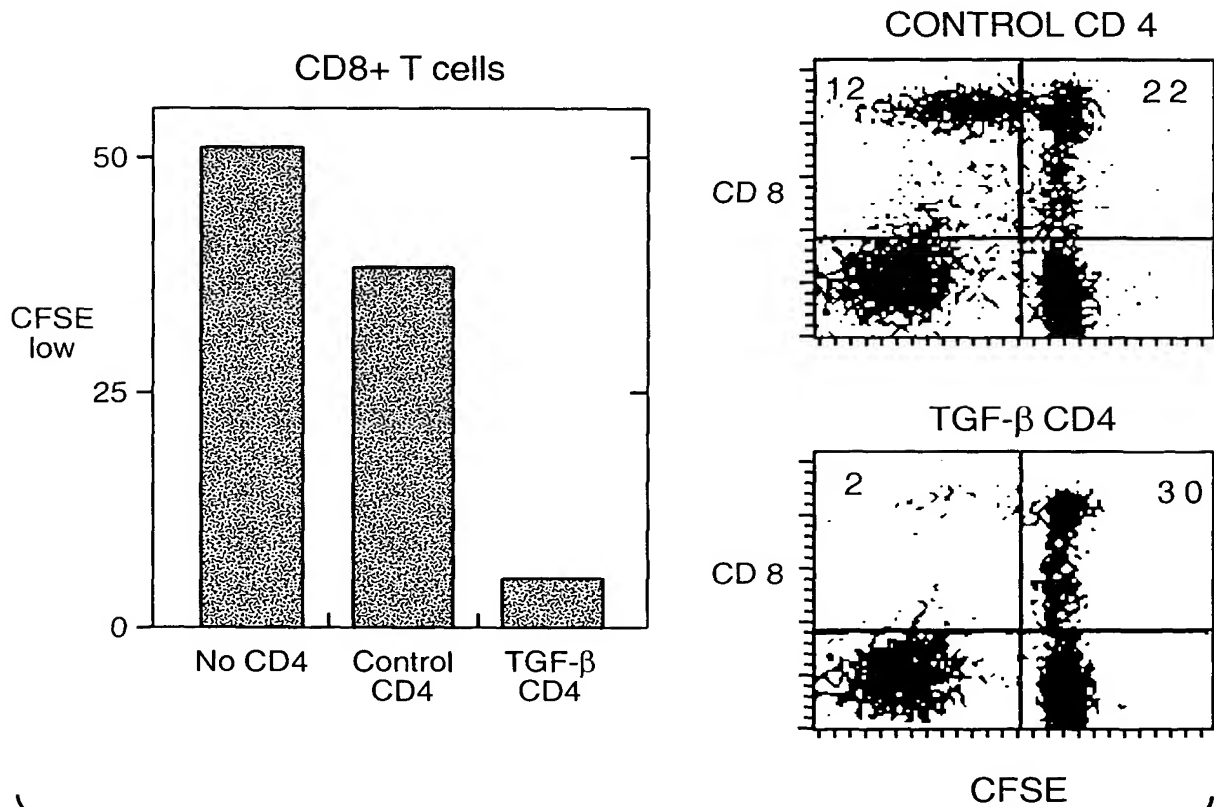


FIG. 11A

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Suppression of lymphocyte proliferation by regulatory
CD4⁺ T cells induced with TGF- β **FIG. 12****FIG. 13**



Regulatory CD4+ T cells are
CD25+ and are extremely
potent

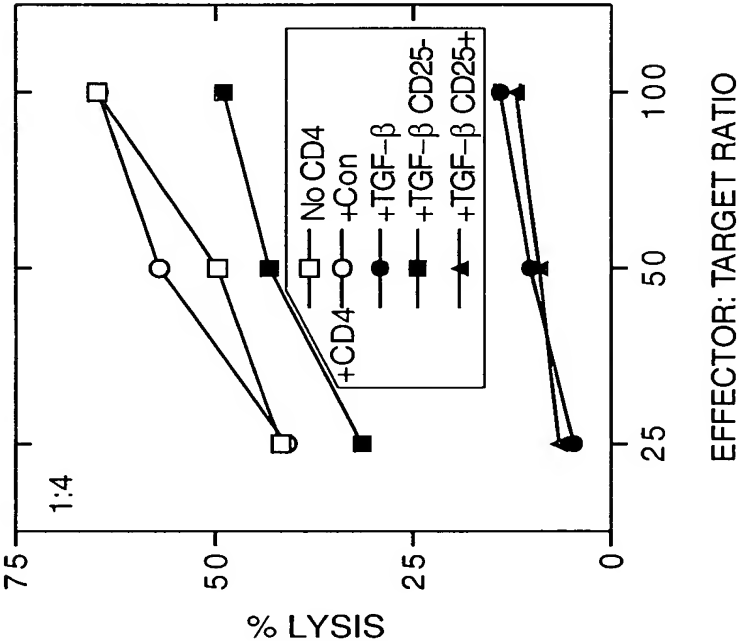


FIG.. 14A

Regulatory CD4+ T cells are
CD25+ and are extremely
potent

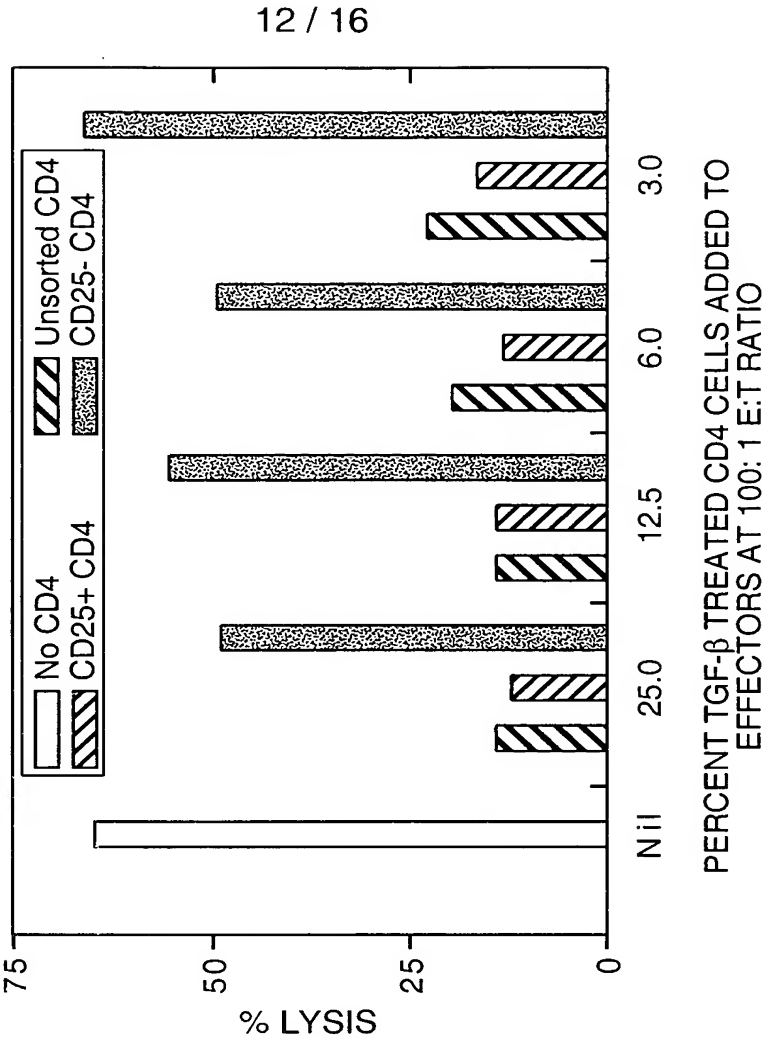
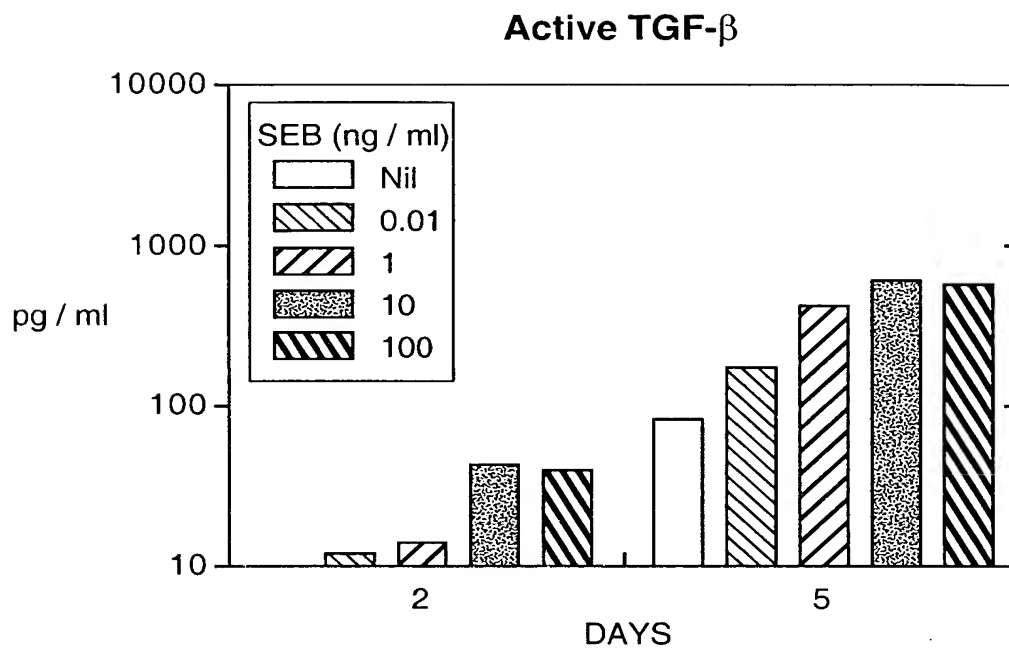
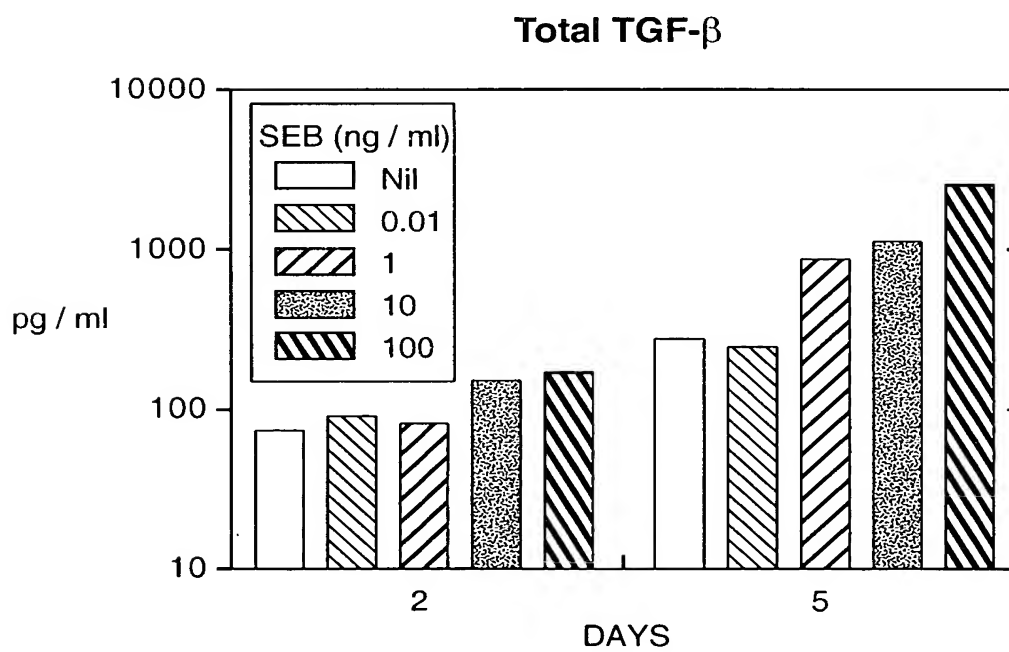


FIG.. 14B





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**FIG._15A****FIG._15B**

Repeated stimulation of CD4+ T cells with low dose SEB
enables them to produce immunosuppressive levels of TGF- β

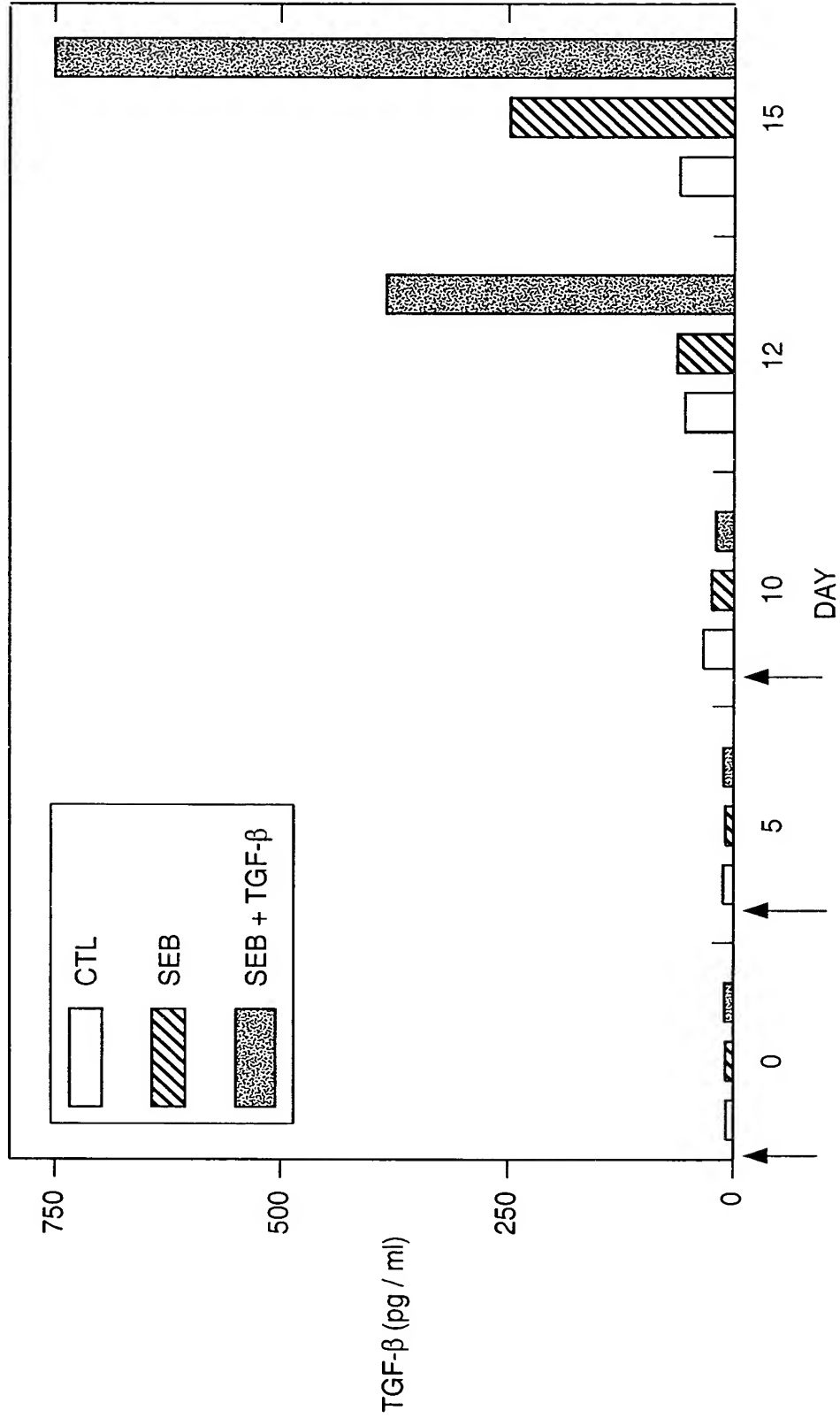
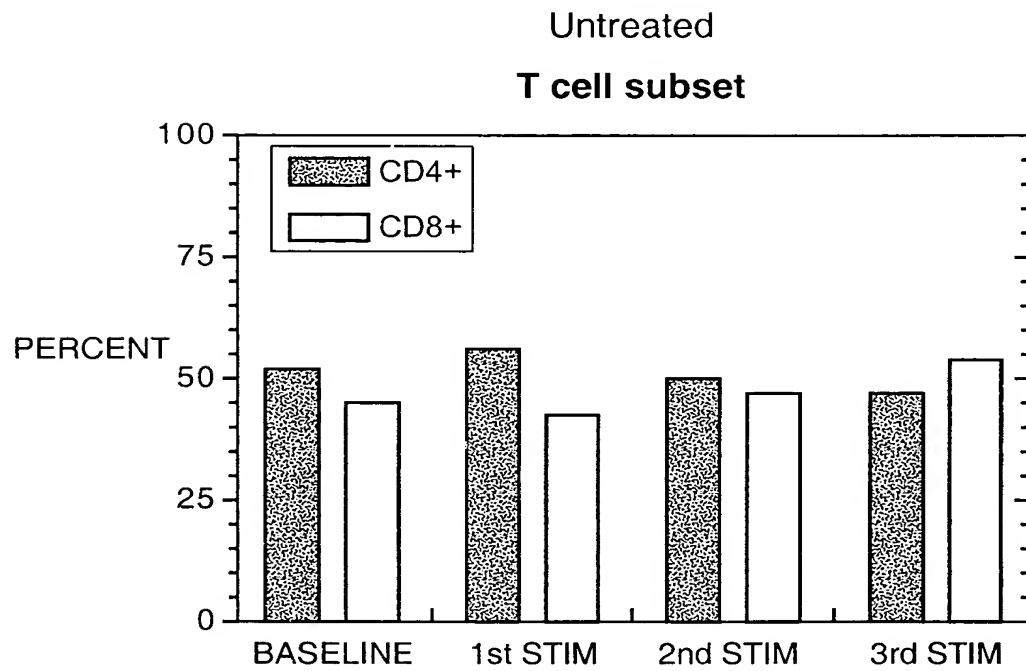
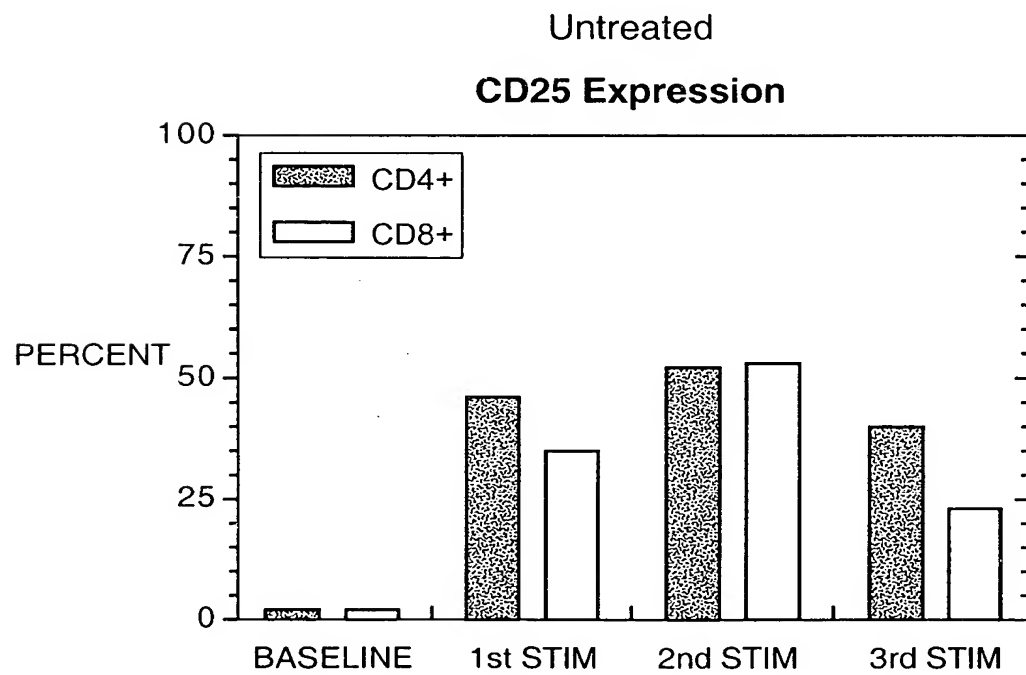
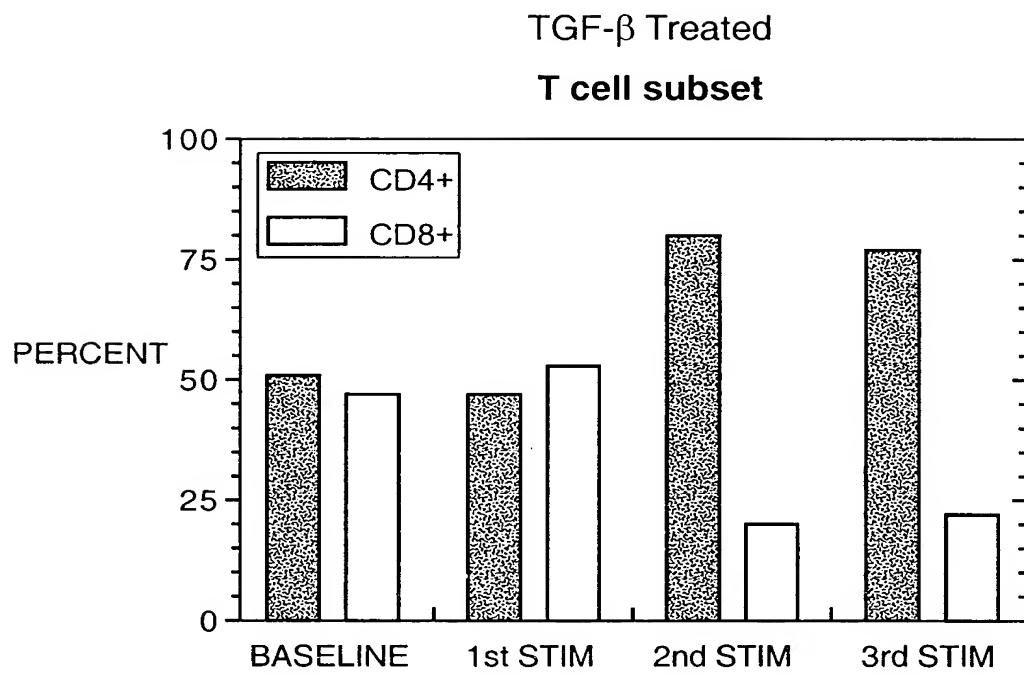
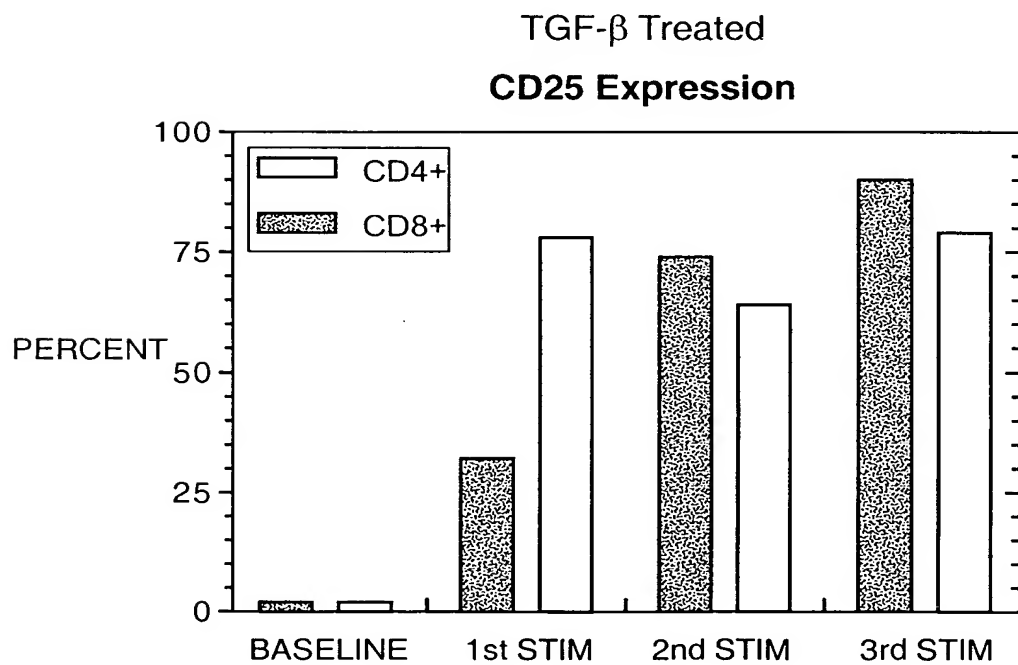


FIG. 16



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**FIG._17A****FIG._17B**

**FIG._17C****FIG._17D**